

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andre' DeHon et al. ) Group Art No.: 2818  
 )  
Application No: 10/627,406 ) Examiner: Tu Tu V Ho  
 )  
Filed: July 24, 2003 ) Re: **REMARKS**  
 )  
For: "Sublithographic ) Our Ref: B-5174NP  
Nanoscale Memory ) 621116-2/ AS  
Architecture" )  
 )  
 ) Date: March 2, 2005

MAIL STOP RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The Examiner has not yet acknowledged receipt of two Information Disclosure Statements (IDS) that were filed with the U.S. Patent and Trademark Office (USPTO) with a Certificate of Mailing on December 15, 2004 and February 14, 2005 in connection with the above-identified U.S. patent application. Therefore, we are enclosing herewith copies of the Information Disclosure Statements that were filed on December 15, 2004 and February 14, 2005.

On December 27, 2004 and February 22, 2005, the USPTO date-stamped and sent to us the receipt-acknowledgement postcards to acknowledge that the USPTO received the December 15, 2004 and February 14, 2005 Information Disclosure Statements. A copy of these December 27, 2004 and February 22, 2005 receipt-acknowledgement postcards are enclosed herewith.

USSN: 10/627,406  
Group No. 2818  
Examiner: Tu Tu V Ho  
Page 2

The Examiner is respectfully requested to consider the enclosed December 15, 2004 and February 14, 2005 Information Disclosure Statements on the merits and to initial the enclosed Information Disclosure Statements. No additional fees should be due because the enclosed Information Disclosure Statements were timely submitted to the USPTO on December 15, 2004 and February 14, 2005.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE Commissioner for Patent P.O. Box 1450 Alexandria, VA 22313-1450 on

March 2, 2005  
(Date of Deposit)

Reagan Davis  
(Name of Person Depositing)



Signature  
March 2, 2005  
Date

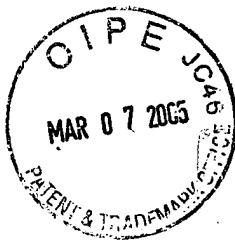
Respectfully submitted,



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Alessandro Steinfl  
Attorney for Applicant  
Reg. No. 56,448  
LADAS & PARRY  
5670 Wilshire Blvd., Suite 2100  
Los Angeles, CA 90036  
(323)934-2300

Enclosure: Receipt-acknowledged postcard dated December 27, 2004  
Receipt-acknowledged postcard dated February 22, 2005



To: USPD (sdm)

Our reference:  
B-5174NP 621116-2

FROM: **COMMISSIONER OF PATENTS  
AND TRADEMARKS**

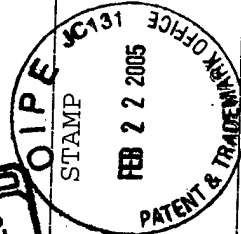
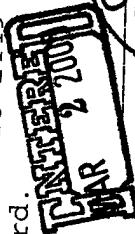
Date mailed:  
February 14, 2005

THE PATENT AND TRADEMARK OFFICE  
MAIL ROOM STAMP HEREON ACKNOWLEDGES  
RECEIPT OF: Information Disclosure Statement (IDS) with  
a certificate of mailing (3 pages) with Form PTO-1449  
(modified) (1 page); a copy of Search Report for  
PCT/US03/23198 (5 pages); a copy of Search Report and  
Written Opinion for PCT/US2004/017075 (14 pages); a copy  
of each document listed in the Form PTO-1449 (modified);  
a check for \$180.00; this postcard.

IN CONNECTION WITH:  
André DeHon, et al.

FOR: "SUBLITHOGRAPHIC NANOSCALE MEMORY  
ARCHITECTURE"

U.S. PATENT APPLICATION NO.:  
10/627,406



To: USPD (sdm)

Our reference:  
B-5174NP 621116-2

FROM: **COMMISSIONER OF PATENTS  
AND TRADEMARKS**

Date mailed:  
December 15, 2004

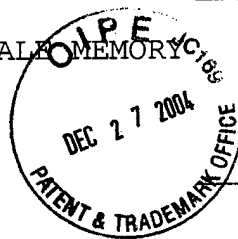
THE PATENT AND TRADEMARK OFFICE  
MAIL ROOM STAMP HEREON ACKNOWLEDGES  
RECEIPT OF: Information Disclosure Statement (IDS) with  
a certificate of mailing (3 pages) with Form PTO-1449  
(modified) (1 page); a copy of Search Report and Written  
Opinion for PCT/US2004/016572 (14 pages); a copy of each  
Non-U.S. Patent document listed in the Form PTO-1449  
(modified); a check for \$180.00; this postcard.

IN CONNECTION WITH:  
André DeHon, et al.

FOR: "SUBLITHOGRAPHIC NANOSCALE MEMORY  
ARCHITECTURE"

U.S. PATENT APPLICATION NO.:  
10/627,406

STAMP





Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): André DeHon, et al.	) Re: Information Disclosure
	) Statement
Serial No.: 10/627,406	) Group: 2818
	)
Filed: July 24, 2003	) Examiner: Ho, Tu Tu V.
	)
For: "SUBLITHOGRAPHIC NANOSCALE	) Our Ref: B-5174NP 621116-2
MEMORY ARCHITECTURE"	)
	) Date: February 14, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. We are enclosing herewith a copy of each document listed on the enclosed Form PTO-1449 (modified).

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT Patent Application No. PCT/US2003/23198 which was mailed on November 24, 2004. A copy of the Search Report (5 pages) is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report and Written Opinion for a related PCT Patent Application No. PCT/US2004/017075 which was mailed on December 17, 2004. A copy of the Search Report and Written Opinion (14 pages) is enclosed herewith.

The undersigned certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three

Information Disclosure Statement  
USSN 10/627,406  
February 14, 2005  
Page 2

months prior to the filing of this IDS.

This IDS is being submitted after receiving a Notice of Allowance, but prior to the payment of an issue fee. Thus, the references listed in this IDS should be fully considered, in accordance with 37 C.F.R. § 1.97(d). Enclosed is a check for \$180.00, which is the fee set forth in 37 C.F.R. § 1.17(p).

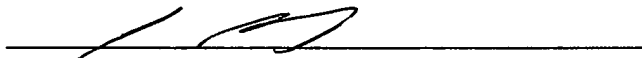
The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Information Disclosure Statement  
USSN 10/627,406  
February 14, 2005  
Page 3

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on February 14, 2005 by Shana Morda.



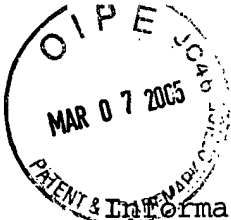
Respectfully submitted,



Robert Popa  
Attorney for Applicant  
Reg. No. 43,010

LADAS & PARRY  
5670 Wilshire Boulevard  
Suite 2100  
Los Angeles, CA 90036  
(323) 934-2300

Enclosures: Form PTO-1449 (modified) (1 page)  
Copy of Search Report for PCT/US03/23198 (5 pages)  
Copy of Search Report and Written Opinion for  
PCT/US2004/017015 (14 pages)  
Copy of each document listed on Form PTO-1449  
(modified)  
Check for \$180.00



Information Disclosure Statement

USSN 10/627,406

February 14, 2005

Page 4

Form PTO-1449 (Modified)	ATTY DOCKET NO. B-5174NP 621116-2	U.S. SERIAL NO. 10/627,406
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANT(S) André DeHon, et al.	
	FILING DATE July 24, 2003	GROUP 2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE or 102(e) DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

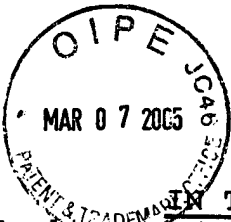
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DeHon, A., "Array-Based Architecture for FET-Based, Nanoscale Electronics," <i>IEEE Transactions on Nanotechnology</i> , Vol. 2, No. 1, pp. 23-32 (March 2003).
-----------------------------------------------------------------------------------------------------------------------------------------------------------------

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): André DeHon, et al.	) Re: Information Disclosure
	) Statement
Serial No.: 10/627,406	) Group: 2818
	)
Filed: July 24, 2003	) Examiner: Ho, Tu Tu V.
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For: "SUBLITHOGRAPHIC NANOSCALE	) Our Ref: B-5174NP 621116-2
MEMORY ARCHITECTURE"	)
	) Date: December 15, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified). Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report and Written Opinion for a related PCT Patent Application No. PCT/US2004/016572 which was mailed on November 15, 2004. A copy of the Search Report and Written Opinion (14 pages) is enclosed herewith.

The undersigned certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

This IDS is being submitted after receiving a Notice of Allowance,

Information Disclosure Statement  
USSN 10/627,406  
December 15, 2004  
Page 2

but prior to the payment of an issue fee. Thus, the references listed in this IDS should be fully considered, in accordance with 37 C.F.R. § 1.97(d). Enclosed is a check for \$180.00, which is the fee set forth in 37 C.F.R. § 1.17(p).

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

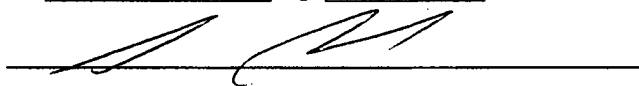
The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

If any additional fees are due, please charge our Deposit Account No. 12-0415 or credit any overpayment to our Account No. 12-0415.

Information Disclosure Statement  
USSN 10/627,406  
December 15, 2004  
Page 3

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on December 15, 2004 by Shana Morda.



Respectfully submitted,



Robert Popa  
Attorney for Applicant  
Reg. No. 43,010

LADAS & PARRY  
5670 Wilshire Boulevard  
Suite 2100  
Los Angeles, CA 90036  
(323) 934-2300

Enclosures: Form PTO-1449 (modified) (1 page)  
Copy of Search Report and Written Opinion for  
PCT/US2004/016572 (14 pages)  
Copy of each Non-U.S. Patent document listed on Form  
PTO-1449 (modified)  
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Information Disclosure Statement

USPN 10/627,406

December 15, 2004

Page 4

Form PTO-1449 (Modified)	ATTY DOCKET NO. B-5174NP 621116-2	U.S. SERIAL NO. 10/627,406
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANT(S) André DeHon, et al.	
	FILING DATE July 24, 2003	GROUP 2818

U.S. PATENT DOCUMENTS

EXAMIN- ER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	6,383,784 B1	5/2002	Smith	435	91.2	
	2002/0027819 A1	3/2002	Tomanek et al.	365	215	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
02/103753 A2	12/2002	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.